

INTERIM STUDY OF USSR SHIPYARDS
IN ECONOMIC REGION VI

ORR PROJECT 35.511

DECEMBER 1954

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FOREWORD

The material and estimates contained herein are designed primarily to assist the analysts in the Shipbuilding Branch of the Industrial Division, ORR, CIA. It is intended to supplement and alter this material and estimates periodically as new material and time will allow. It should not be used or quoted without specific confirmation of the Shipbuilding Branch.

This report presents a brief summary of the location, size, facilities and estimated production capabilities together with the principal gaps in intelligence of each known or reported shipyard in economic area VI of the USSR. It is one of a series of such reports being prepared, which combined will cover all of the USSR shipyards.

The limitations placed on the source of material and upon the research time necessarily means that the information contained herein can be considered tentative only.

The information is derived from material available from the Industrial Register and files of the Shipbuilding Branch as of December 1954.

Informal coordination with analysts of ONI and AFOIN is currently being initiated. Alterations or additions indicated as the result of this coordination will be made in the file copy of I/SH.

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Area VI

I. Index Alphabetical According to City

<u>City</u>	<u>Shipyard</u>	<u>Page No.</u>
Alekseyeva 53°15'N-50°30'E	Alekseyeva Ship Repair Yard	10
Astrakhan 46°21'N-48°03'E	Artem Sergeyev Ship Repair Shops	15
	Fredrich Engels Fish Combine	20
	Karl Marx Shipyard	25
	Kirev Shinyard	30
	Lenin Ship Repair Yard	35
	Nikele Komarevskoye Shipyard	40
	Red Barricade Shinyard	45
	Rybsudomotor Shipyard	50
	Shipbuilding Yard of the Merchant Fleet	55
	Ship Repair Base of the Volga-Caspian Gov't Fishing Trust	60
	Ship Repair Shops #55	65
	Ship Repair Yard im. Uritski	70
	Stalin Shipyard #638	75
	10th Anniversary of the October Revolution Ship Repair Yard	80
	Third International Shinyard	85
	Trusevskiy Ship Repair Yard #527	90
Balakevo 52°03'N-47°45'E	Balakevo Ship Repair Yard	95
Beketovka 48°36'N-44°25'E	Beketovka Ship Repair Yard	100
Chapurniki 48°25'N-44°36'E	Chapurniki Shinyard	105
Chistopol 55°21'N-50°37'E	Kurt Ship Repair Yard	110
Kalach 48°43'N-43°31'E	Kalach Ship Repair Shops	115

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<u>City</u>	<u>Shipyard</u>	<u>Page No.</u>
Kamskoye Uste 55°11'N-49°16'E	Butyakov Shipyard	120
Kamyshin 50°06'N-45°24'E	Pobeda Shipyard	125
Kazan 55°45'N-49°08'E	Kazan Shipyard	130
	Kuybyshev Shipyard	135
	25th October Shipyard	140
Krasnoarmeysk 48°31'N-44°34'E	Krasnoarmeysk Ship Repair Yard	145
	Stalingrad Shipyard #264	150
Kriuski 54°06'N-48°34'E	Kriuski Ship Repair Yard	155
Kuybyshev 53°12'N-50°09'E	Kuybyshev Ship Repair Yard	160
	N.A. (new shipyard)	165
Naberezhnye Chel 55°42'N-52°19'E	Naberezhnye Shipyard	170
Saratov 51°34'N-46°02'E	Saratov Ship Repair Yard	175
Saturn (near 55°42'N-52°19'E)	N.A.	180
Stalingrad 48°42'N-44°30'E	Krasnaya Sloboda Shipyard #260	185
	Stalingrad Shipyard	190
Syzran 53°09'N-48°28'E	Syzran Shipyard	195
Vladimirovka 48°17'N-46°10'E	Vladimirovka Ship Repair Yard	200
Velsk 52°03'N-47°24'E	Alekseyev Ship Repair Yard	205
Zelenodelsk 55°50'N-48°32'E	Krasny Metallist Shipyard im. Maxim Gorkiy	210
Zelotse 50°50'N-45°42'E	Zelotse Ship Repair Yard	215

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II. Index Alphabetical According to Shipyard Name AREA VII
(both current and alternate)

<u>Shipyard</u>	<u>City</u>	<u>Page No.</u>
Alekseevskie Shipyard	Saratov	175
Alekseyeva NCRF Yard	Alekseyeva	10
Alekseyeva Ship Repair Yard	Alekseyeva	10
Alekseyev Ship Repair Yard	Volak	205
Artem Sergeyev Ship Repair Yard	Astrakhan	15
Artem Sergeyev Ship Repair Yard	Astrakhan	15
Balakevo Ship Repair Yard	Balakevo	95
Barge and Tug Repair Shops "Lesezavod" and "Mechaniskizech"	Vladimirevka	200
Beketovka Ship Repair Yard	Beketovka	100
Beketovka Shipyard	Beketovka	100
Butakov Shipyard	Kamskoye Uste	120
Caspian Fleet Shipyard	Astrakhan	55
Chapurniki Shipyard	Chapurniki	105
Fredrich Engels Fish Combine	Astrakhan	20
Kalach Repair and Machine Plant	Kalach	115
Kalach Ship Repair Shops	Kalach	115
Kamskiy Ship Construction Yard	Kamskoye Uste	120
Kamskoye Uste Ship Repair Yard	Kamskoye Uste	120
Kapski Slip	Astrakhan	85
Karavanka Yard	Balakevo	95
Karl Marx Shipyard	Astrakhan	25

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Shipyard	City	Page No.
Kazan Shipyard	Kazan	130
Kirev and Engels Shipyard	Astrakhan	20
Kirev and Engels Shipyard	Astrakhan	30
Kirev Shipyard	Astrakhan	30
Krasnaya Sloboda Shipyard #260	Stalingrad	185
Krasnoarmeysk Boat Building Yard	Krasnoarmeysk	145
Krasnoarmeysk Ship Repair Yard	Krasnoarmeysk	145
Krasnoarmeysk Shipyard	Krasnoarmeysk	150
"Krasnoarmeysk" #264	Krasnoarmeysk	150
Krasny Metallist Shipyard im. Maxim Gor'kiy	Zelenodelsk	210
Krasny Remont Shipyard	Stalingrad	185
Kriushi Ship Repair Yard	Kriushi	155
Kurt Ship Repair Yard	Chistopol	110
Kuybyshev Ship Repair Yard	Kuybyshev	160
Kuybyshev Shipyard	Kazan	135
Lenin Ship Repair Yard	Astrakhan	35
Naberezhnye River Craft Repair Shop	Naberezhnye Chel	170
Naberezhnye Shipyard	Naberezhnye Chel	170
Nikelo Kamarevskoye Shipyard	Astrakhan (Nikelo'skoye)	40
NRFP Shipbuilding & Repair Yard	Saratov	175
NRFP Shipyard	Stalingrad	
Pobeda Shipyard	Kamyshin	125
Red Barricade Shipyard	Astrakhan	45
Reydtanker Ship Repair Shops	Astrakhan	65
Reydtanker Ship Repair Yard	Astrakhan	80
Rybsudomotor Factory	Astrakhan	50

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Shipyard	City	Page No.
Rybsudemotor Shipyard	Astrakhan	
Samara Repair Yard	Kuybyshev	160
Saratov Shipbuilding & Repair Yard	Saratov	175
Saratov Ship Repair Yard	Saratov	175
Sarepta Shipyard	Krasnoarmeysk	145
Saturn Shipyard	Zelenodelsk	210
Second International Shipyard	Astrakhan	70
Shipbuilding Yard of the Merchant Fleet	Astrakhan	55
Shipbuilding Yard MMF	Astrakhan	55
Ship Repair Base of the Volga-Caspian Gov't Fishing Trust	Astrakhan	60
Ship Repair Plant im. 25- Letiya Tatarii	Chistopol	110
Ship Repair Shops #55	Astrakhan	65
Ship Repair Yard im. Uritski	Astrakhan	70
Shipyard #340	Zelenodelsk	210
Stalingrad Shipyard	Stalingrad	190
Stalingrad Shipyard and Heavy Equipment Plant	Krasnoarmeysk	150
Stalingrad Shipyard South	Stalingrad	190
Stalingrad Shipyard #264	Kradnoarmeysk	150
Stalin Shipyard #638	Astrakhan	75
Suda-Remont Shipyard	Stalingrad	185
Sudoremont Yard	Balakovo	95
Sudoremont Yard	Saratov	175
Syzran Shipyard	Syzran	195

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Shipyards	City	Page No.
Tenth Anniversary of the October Revolution Ship Repair Yard	Astrakhan	80
Third International Shipyards	Astrakhan	85
Trusevskiy Ship Repair Yard #527	Astrakhan	90
25th of October Shipyards	Kazan	110
Vladimirovka Ship Repair Yard	Vladimirovka	200
Volga Tanker Repair Yard	Kuybyshev	160
Volga-Tanker Shipyards	Kamskoye Uste	120
Zolotee Ship Repair Yard	Zolotee	215

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Area VI

III. Summary

<u>City</u>	<u>Shipyard</u>	<u>Est. Production Capacity</u>	
		<u>Naval SDT</u>	<u>Merchant GRT</u>
Alekseyeva	Alekseyeva Ship Repair Yard	N.A.	N.A.
Astrakhan	Artem Sergeyev Ship Repair Sheds	N.A.	N.A.
	Fredrich Engels Fish Combine	N.A.	N.A.
	Karl Marx Shipyard	880	3,100
	Kirev Shipyard	N.A.	N.A.
	Lenin Ship Repair Yard	700	2,450
	Nikola Komarovskoye Shipyard	N.A.	N.A.
	Red Barricade Shipyard	Probably repair only	
	Pybaudomoter Shipyard	N.A.	N.A.
	Shipbuilding Yard of the Merchant Fleet	N.A.	N.A.
	Ship Repair Base of the Volga-Caspian Gov't Fishing Trust	N.A.	N.A.
	Ship Repair Sheds #55	N.A.	N.A.
	Ship Repair Yard im. Uritski	1,400	5,000
	Stalin Shipyard #638	800	2,800
	10th Anniversary of the October Revolution Ship Repair Yard	N.A.	N.A.
	Third International Shipyard	900	3,200
	Trusevskiy Ship Repair Yard #527	Repair only	
Balakevo	Balakevo Ship Repair Yard	2,040	7,140
Beketovka	Beketovka Ship Repair Yard	N.A.	N.A.
Chapurniki	Chapurniki Shipyard	N.A.	N.A.

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<u>City</u>	<u>Shipyard</u>	<u>Est. Production Capacity</u>	
		<u>Naval SDT</u>	<u>Merchant GRT</u>
Chistopol	Kurt Ship Repair Yard	N.A.	N.A.
Kalach	Kalach Ship Repair Shops	N.A.	N.A.
Kamskoye Uste	Butyakev Shipyard	N.A.	N.A.
Kamyshin	Pobeda Shipyard	N.A.	N.A.
Kazan	Kazan Shipyard	N.A.	N.A.
	Kuybyshev Shipyard	N.A.	N.A.
	25th October Shipyard	N.A.	N.A.
Krasnoarmeysk	Krasnoarmeysk Ship Repair Yard	800	2,800
	Stalingrad Shipyard #264	14,000	49,000
Kriuski	Kriuski Ship Repair Yard	N.A.	N.A.
Kuybyshev	Kuybyshev Ship Repair Yard	900	3,200
	N.A. (new shipyard)	N.A.	N.A.
Naberezhnye Chel	Naberezhnye Shipyard	100	350
Saratov	Saratov Ship Repair Yard	300	1,000
Saturn	N.A.	N.A.	N.A.
Stalingrad	Krasnaya Sloboda Shipyard #260	N.A.	N.A.
	Stalingrad Shipyard	N.A.	N.A.
Syzran	Syzran Shipyard	N.A.	N.A.
Vladimirevka	Vladimirevka Ship Repair Yard	250	875
Volsk	Alekseyev Ship Repair Yard	1,500	5,250
Zelenodelsk	Krasny Metallist Shipyard in. Maxim Gorkiy	7,000	25,000
Zolotee	Zolotee Ship Repair Yard	N.A.	N.A.

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Subject: SHIPYARDS

Country: USSR

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City: AlexeyevaCurrent Name: Alexeyeva Ship Repair YardAlternate Names: Alexeyeva KMT YardCoordinates: 52°10'30"N-48°00'15"E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Bay	Number and Size of Dry-docks: A - floating B - Graving	Number and Size of Marine Railways	General Impression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employes	Est. Total Number Employes	Estimated Maximum Yearly Production	Estimated Maximum Yearly Production
N.A.	N.A.	N.A.	N.A.	N.A.	Fair	1932-1944 Repaired river vessels. 1952- Repaired river vessels.	100 (90% women)	N.A.	N.A.	N.A.

Subject: SHIPYARDS
Country: USSR
City : **Alekseyevka**

Current Name: **Alekseyevka Ship Repair Yard**

Alternate Name: **Alekseyevka WWT Yard**

Location: **On the Volga River, 35 KM downstream from Balakovo.**

Remarks: **None**

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Subject : SHIPYARDS
Country : USSR
City : Alekseyevka
Current Name: Alekseyevka Ship Repair Yard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

- *1. What is the current name of this yard?
- *2. By what other names is the yard known?
- 3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
- 4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- 7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
- 8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

Subject : SHIPYARDS
Country : USSR
City : Astrakhan

Current Name : Artem Sergeyev Ship Repair Shops

Alternate Name: Artem Sergeev Ship Repair Yard

Location : On the northern point of Zayachiy Island

Remarks : The managing agency of these workshops is the Astrakhan Regional Administration of the Volga River Freight-Passenger Shipping Company.

The workshops possessed the following items of lifting equipment: one mobile (ZIS-5) three-ton crane; one one-ton boom crane; four three-to five-ton cranes.

In the northern section of the yard are the following structures: power station, boiler maker shop, electrical shop, mechanical shop and assembly shop, woodworking and paint shop and administrative offices. In addition to the drydock, a steam-supply vessel was moored to the eastern shore of the yard.

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Subject : SHIPYARDS
Country : USSR
City : Astrakhan
Current Name: ~~Artem Gergoyev Ship Repair Shop~~

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

- * 1. What is the current name of this yard?
- * 2. By what other names is the yard known?
- * 3. What is the exact location of this yard?
 - * a. Coordinates
 - * b. Azimuth and distance from some prominent landmark.
- 4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- * 7. What building ways exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- * 8. What drydock facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions

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9. What marine railway facilities exist at this yard?

- * a. Number
- * b. Location
- * c. Type
- * d. Capacity
- * e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

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17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

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Country: USSR
 City: ASTRAKHAN
 Coordinates: 46°21'27"N-48°06'55"E
 Name: Friedrich Engels Fish Combine
 Alternate Names: Kirva and Engels Shipyard

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Docks: 1 - floating	Number and Size of Marine Rails	General impression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. max. number Employees	Estimated Maximum Yearly Production	Reported G
2,500,000	I.A.	Possibly 1 set of slipways covering an area of 100,000 sq.ft.	I.A.	I.A.	Probably repair of fishing boats only.	I.A.	I.A.	I.A.	I.A.

Subject : SHIPYARDS
Country : USSR
City : Astrakhan

Current Name : Friedrich Engels Fish Combine

Alternate Name: Kirov and Engels Shipyard

Location : On the Prymnya Bolda River, about 21,000 yards from its source at the Volga River, adjacent to and west of the Kirov Shipyard

Remarks : This facility has been reported by several sources as being involved in the ship repair business. If so, it is probable that only fishing vessels owned by the combine are repaired here. The alternate name implies that both the Kirov Shipyard and this establishment are part of the same concern. It is believed that each is a separate industry.

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Subject : SHIPYARDS
Country : USSR
City : Astrakhan
Current Name: Friedrich Engels Fish Combine

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk *).

- * 1. What is the current name of this yard?
- * 2. By what other names is the yard known?
- * 3. What is the exact location of this yard?
 - * a. Coordinates
 - * b. Azimuth and distance from some prominent landmark.
- * 4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- * 7. What building ways exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- * 8. What drydock facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history(1935-present)?
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- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

18. What is the relationship between this concern and the Kirov Shipyard?

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General STEPHENS
 Current name: **Karl Marx Shipyard**
 Coordinates: **46°20'00"N-46°00'30"E**

Operating from: **ASTRAKHAN**
 Alternate names: **K.A.**

Total Yard for (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, type and size of existing dry dock	Number and size of docks; floating docks - (sq. ft.)	Number and size of various mill- ing machines	General im- pression as to efficiency of yard and adequacy of tools	Comments on yard activities and personnel observed	Est. size then number employed	Estimated production	Estimated cost
1,100,000	88,000	None	None	None	None	1942-Repaired 1942-1943 flaming vessel, 1942-1943 barres, dredges, and scoops, houseboats. 1943-Repaired dredges, and scoops, house- boats, tugs. 1944-Repaired Volga River craft of all kinds. 1945-21- repaired vessels of Roadstead Technical Fleet (dredges, scoops, tug- boats etc.); specialized in repair of dredges. 1946-Repaired dredges. 1947-Repaired harbor craft. 1953-Built postons and earth carrying barges.	140	800	3,100

Subject : SHIPYARDS
Country : USSR
City : Astrakhan
Current Name : Karl Marx Shipyard
Alternate Name: N.A.

Location : In the Stalinskiy Bay on Teschaya Kosa Street on the Privolzhsky
Zaton, 2500 ft. north of new bridge roadway, 5,000 ft. SSW of Summer
Remarks : Circus Park

This yard is subordinate to the Astrakhan Directorate of the Road-
stead Technical Fleet (Rydtakhflot) of the Ministry of the Merchant
Fleet. The yard is used mainly for overhauling craft of that fleet,
especially dredgers.

The yard carries out all types of minor and major repairs. The
1951 production plan called for a repair work value of 9 to 10
million rubles.

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Subject : SHIPYARDS
Country : USSR
City : Astrakhan
Current Name: Karl Marx Shipyard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

- * 1. What is the current name of this yard?
- 2. By what other names is the yard known?
- * 3. What is the exact location of this yard?
 - * a. Coordinates
 - * b. Azimuth and distance from some prominent landmark.
- * 4. What are the limits of the yard area?
- * 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- * 7. What building ways exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- * 8. What drydock facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions

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- * 9. What marine railway facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- * 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
- 11. What is the Yard's ship construction history (1935-present)?
 - a. Types and dates of construction.
 - b. Length of times between keel laying and launching.
 - c. How many months a year is ship construction restricted by climatic conditions?
- 12. What ships has the yard repaired (1935-present)?
 - a. Types and dates of repair.
 - b. Extent of repairs.
 - c. How many months a year is ship repair restricted by climatic conditions?
- 13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?
- 14. What percentage of the yards facilities are involved in the production of these other items?
- 15. How many employees does the yard have?
 - a. Number per shift.
 - b. Number of shifts per day.
 - c. Length of each shift.
 - d. Number of days worked per week.
 - e. Is there a seasonal fluctuation in employment?
- * 16. What is the estimated maximum number of employees per shift based on a minimum of 2000 employees?
 - a. Estimated maximum number of employees per shift.

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Country: USSR
 Current Name: Kirov Shipyard
 Former Name: Kirov and Engels Shipyard
 Coordinates: 46°21'27"N-46°07'27"E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Docks	Number and Size of Floating Docks	General Information as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction	Reported Number Employees	Est. Total Manpower Employees	Estimated Maximum Production	
								Naval SDT	Merchant G
6,300,000	N.A.	At least 1 slipway, covering an area of approximately 25,000 sq.ft.	A - 1000 B - Possibly 10 small building docks.	Good	1915-Repaired tanker barges and small motor vessels. 1917-Constructed steel diesel patrol boats, repaired fishing vessels. 1948-49-Repaired barges and tugboats constructed wooden and steel vessels. 1952-Constructed floating vessels, repaired at least one steam vessel. 1954-Constructing floating pumping stations for Closures.	1,200 (1951)	N.A.	N.A.	N.A.

Subject : SHIPYARDS
Country : USSR
City : Astrakhan

Current Name : Kirov Shipyard

Alternate Name: Kirov and Engels Shipyard

Location : On the south bank of the Pryamaya Bolda River, about 22,000 yards
Remarks : from its intersection with the Volga, between an oil storage area
and the Fish Combine, Friedrich Engels.

The yard contains a foundry, fitting shop, joiners shop, sawmill
and slipways but no dry or floating docks. This yard is engaged
in merchant construction only.

The alternate name of this yard implies that both the Engels Fish
Combine and this yard are part of the same establishment. It is
believed that each is a separate industry.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Astrakhan
Current Name: Kirov Shipyard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

- * 1. What is the current name of this yard?
- * 2. By what other names is the yard known?
- * 3. What is the exact location of this yard?
 - * a. Coordinates
 - * b. Azimuth and distance from some prominent landmark.
- * 4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- 7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
- * 8. What drydock facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions

S-E-C-R-E-T

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yard's facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GT)?

18. What is the relationship between this yard and the Fredrich Engels Fish
Fish Combine?

S-E-C-R-E-T

Subject: SHIPYARDS

Country: USSR

S-J-C-R-E-T

City: ASTRAKHAN

Current Name: Lenin Ship Repair Yard

Alternate Names: H.A.

Coordinates: 46°20'00"N-47°59'50"E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of Dry-docks: A - floating B - Graving	Number and Size of Marine Pail-ways	General im-pression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employes	Est. Maxi-mum number Employes	Estimated Maximum Yearly Production	Naval SUT	Merchant SHIP
755,000	70,000	None	1-1, Approx-imately 330 ft. long; (seasonal, can be used as well as two independent such docks) B-docks	None	1946-Criticized for inefficiency, bad management, poor workman-ship.	1942-Built for merchant ships. 1943-Constructed and repaired ships, freight tankers, tugs, especially routine and regular repairs of large Volga tugs. 1944-Constructed and repaired large freighters, passenger ships, tankers & tugs. 1945-51-Repaired ships for the Volga tanker fleet; manufactured spare parts. 1952-Manufactured spare parts, repaired oil barges, tugs, etc. 1953-Manufactured spare parts.	1,000 (average) 1945-51)	350	700		2,350

Subject : SHIPYARDS
Country : USSR
City : Astrakhan

Current Name : Lenin Ship Repair Yard

Alternate Name: N.A.

Location : 4,000' northeast of Zayachiy Island on the west bank of the Volga River

Remarks : This yard is subordinate to the Volgatanker Shipping Company of the Ministry of the River Fleet. It was virtually destroyed by bombing on September 1942 and was reconstructed after the war but does not appear to have been expanded.

Though there are reports of ship construction during the early part of the war it appears that in the post-war period it has been exclusively a repair yard, a supposition supported by the lack of building ways.

During the postwar period it accomplished approximately 11 million rubles worth of repair work a year and was capable of repairing and overhauling 40 vessels a year, mostly of tugboat type.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Astrakhan
Current Name: Lenin Ship Re. air Yard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

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- 2. By what other names is the yard known?
- * 3. What is the exact location of this yard?
 - * a. Coordinates
 - * b. Azimuth and distance from some prominent landmark.
- * 4. What are the limits of the yard area?
- * 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- * 7. What building ways exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- * 8. What drydock facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions

S-E-C-R-E-T

* 9. What marine railway facilities exist at this yard?

- * a. Number
- * b. Location
- * c. Type
- * d. Capacity
- * e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Subject: SHIPYARD

Country: USSR

S-C-R-1

City: Astrakhan (Nikolo'skoye)

Current Name: Nikolo Komarovskoye Shipyard

Alternate Names: N.A.

Coordinates: (approx.) 46°09'N-47°51'E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Bay	Number and Size of Dry-docks: A - floating; B - graving	Number and Size of Marine Docks	General Impression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. maximum number Employees	Estimated maximum yearly Production Naval SVT	Estimated maximum yearly Production Merchant Ship
N.A.	N.A.	N.A.	At least one capable of lifting power-lifts, steam tugs and large floating barges.	N.A.	N.A.	1952-Repaired floating vessel by produced screws for 35 hp "valiant" engine.	N.A.	N.A.	N.A.	N.A.

S-C-R-1

Subject : SHIPYARDS
 Country : USSR
 City : ~~Nikolo Komarovskoye~~
 Current Name : Nikolo Komarovskoye Shipyard
 Alternate Name: N. A.
 Location : On the Volga River, approximately 15 miles south of Astrakhan, in
 the vicinity of the small suburb of Nicolo'skoye (46°09'N-47°54'E)
 Remarks : This yard is subordinate to the Volga-Caspian Fishing Trust
 (Astrakhan).

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : ~~Nikola-Kamrovskoye~~
Current Name: ~~Nikola-Kamrovskoye Shipyard~~

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk *.

- *1. What is the current name of this yard?
2. By what other names is the yard known?
3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
4. What are the limits of the yard area?
5. What is the general plan and layout of the yard?
6. What are the dimensions and functions of each building?
7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

S-E-C-R-E-T

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GT)?

S-E-C-R-E-T

On 10-11-68 STEPHENS
 Current Name: Red Berries to Saltyard
 Coordinates: (estimated) 45°09'N-147°29'W

Country: USSR
 Alternate Names: None
 City: ASTAKHAN

Joint Yard Area (sq. ft.)	Total Area of Buildings (sq. ft.)	Number, Type and Size of Building Bay	Number and Size of Yards: A - Loading Bays B - Draining	Number and Size of Yards: A - Loading Bays B - Draining	General Impression as to efficiency of yard and adequacy of tools	Type of work performed	Number of employees	Estimated total number of employees	Estimated annual production	Estimated annual production
E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	1963-1964: Accomplished secondary and routine repairs of passenger ships of local steamship lines and smaller vessels.	E.A.	E.A.	Probably repair only.	

Subject : SHIPYARDS
Country : USSR
City : Astrakhan (15 miles south)

Current Name : Red Barricade Shipyard

Alternate Name: N.A.

Location : 15 miles south of Astrakhan on the Volga River

Remarks : There is no post war information on this yard. The yard apparently consisted of small workshops and was reported as being used by the official ships of the waterways administration of the lower Volga.

In as much as the reported location of this yard roughly corresponds to that of the Nikola-Kamenskoye Shipyard it is possible that the two are identical; however, until further information is received these yards will be listed as separate installations.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Astrakhan (15 miles south)
Current Name: Red Barricade Shipyard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

- * 1. What is the current name of this yard?
- 2. By what other names is the yard known?
- 3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
- 4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- 7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
- 8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

climatic conditions?

climatic conditions?

14. What percentage of the yards facilities are involved in the production of these other items?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

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S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

18. What is the connection between this yard and the Nikolo-kamarevskoye Shipyard, located in the same general area?

S-E-C-R-E-T

Subject: SHIPYARD

Country: USSR

City: ASTRAKHAN

Current Name: Rybodomol Shipyard

Alternate Name: Rybodomol Factory

Coordinates: 46°20'35"N 46°00'57"E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Bay	Number and Size of docks: A - Floating B - Craving	Number and Size of Marine Railways	General Impression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction	Reported Number Employees	Est. maximum number Employees	Estimated Maximum Yearly Production	
100,000	E.A.	E.A.	E.A.	E.A.	E.A.	1945-51 - Construction steel fishing boats, 65 ft. long, also repaired fishing vessels, made small parts and engines for fishing craft.	500 (1945-51)	E.A.	E.A.	E.A.
S-U-C-I-E-S-T										

Subject : SHIPYARDS
Country : USSR
City : Astrakhan

Current Name : Rybodomotor Shipyard

Alternate Name: Rybodomotor Factory

Location : Stalinsky Rayon, #8 Babeta Street, on the east bank of the Volga,
immediately south of the Rydtanker Passenger and Cargo Pier,
Remarks : 900 ft. south of the Summer Circus Park and River, 2,200' south
east of the tip of a large island.

This plant is subordinate to the Volga-Caspian Fishing Trust, of the Chief Directorate of the Caspian Fishing Industry of the Ministry of Fishing Industries. It is possible that this yard operates in conjunction with the Ship Repair Base of the Volga-Caspian Government Fishing Trust which is located just across the street and north of this plant. It may be that this plant only supplies only engines for fishing vessels and the actual construction of the craft is accomplished in the Volga-Caspian Ship Repair Base.

S-E-C-R-E-T

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Astrakhan
Current Name: Rybsudomotor Shipyard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

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- * 2. By what other names is the yard known?
- * 3. What is the exact location of this yard?
 - * a. Coordinates
 - * b. Azimuth and distance from some prominent landmark.
- 4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- 7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
- * 8. What drydock facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions

S-E-C-R-E-T

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

On Deck SITTING

COUNTRY/ AREA

CLASS/ CATEGORY

Current Name: Submarine Yard of the
 Coordinates: 17°02'N 107°17'W

Alternate Name: Submarine Yard No. 2, Captain Fleet Shipyard

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Milling Mill	Number and Size of docks: floating ways	Number and Size of Marine all-	General in- provision as to efficiency of yard and adequacy of tools	Number of employees	Total number employees	Attached to the Yard	
								Naval Gun Production	Merchant Ship Production
E.L.	E.L.	E.L.	E.L.	E.L.	E.L.	300	E.L.	E.L.	E.L.
Prior to 1947- Constructed wooden launches 18-25 ft. long. 1947-51- Continued con- struction of wooden launches, commenced construction of auxiliary powered sailing vessels (100 tons cargo carrying capacity, 150 hp engine), 1st reinforced concrete barges (1,000 tons cargo carrying capacity), also reinforced vessels.									

Subject : SHIPYARDS
Country : USSR
City : Astrakhan

Current Name : Shipbuilding Yard of the Merchant Fleet

Alternate Name: Shipbuilding Yard MFF, Caspian Fleet Shipyard

Location : On the southern tip of Zayachiy Island, fronting the Volga River.

Remarks : The managing agency of this yard is the Chief Directorate of the Machine Construction Industry of the Merchant Fleet. This yard serves the needs of the Astrakhan and the Caspian Dry Cargo Shipping Company (Mazplot). Both tanker and dry-cargo type barges are constructed.

The shipyard was originally located in Astrakhan proper, on the east bank of the Volga in the vicinity of Peschanaya Kosa, just south of the Karl Marx Shipyard. This location was in the path of the right of way of a railroad bridge which was constructed across the Volga and was scheduled for completion in 1952. The yard was therefore forced to move to its new location on Zayachiy Island.

The yard normally builds in one year: 25-30 lifeboats (wooden launches), 15 to 25 feet in length; one ferro-concrete barge, 1,000 tons cargo carrying capacity, 160 feet long; and two sailmotor schooners, 100 tons cargo carrying capacity, 60 ft. long.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Astrakhan
Current Name: Shipbuilding Yard of the Merchant Fleet

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

*1. What is the current name of this yard?

*2. By what other names is the yard known?

*3. What is the exact location of this yard?

* a. Coordinates

* b. Azimuth and distance from some prominent landmark.

4. What are the limits of the yard area?

5. What is the general plan and layout of the yard?

6. What are the dimensions and functions of each building?

7. What building ways exist at this yard?

a. Number

b. Location

c. Type

d. Capacity

e. Dimensions

8. What drydock facilities exist at this yard?

a. Number

b. Location

c. Type

d. Capacity

e. Dimensions

S-E-C-R-E-T

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Astrakhan

Current Name : Ship Repair Base of the Volga-Caspian Government Fishing Trust

Alternate Name: N.A.

Location : Stalinsky Raya, 2-ya Kontrol'naya Street, immediately north and
across the street from the Rybodomotor Shipyards on the east
Remarks : bank of the Volga River.

Little is known about this repair base except that it possibly
operates in conjunction with the Rybodomotor Shipyard.

S-E-C-R-E-T

S-E-C-R-E-T

Subject : SHIPYARDS

Country : USSR

City : Astrakhan

Current Name: Ship Repair Base of the Volga-Caspian Government Fishing Trust

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

* 1. What is the current name of this yard?

2. By what other names is the yard known?

* 3. What is the exact location of this yard?

* a. Coordinates

* b. Azimuth and distance from some prominent landmark.

* 4. What are the limits of the yard area?

5. What is the general plan and layout of the yard?

6. What are the dimensions and functions of each building?

7. What building ways exist at this yard?

a. Number

b. Location

c. Type

d. Capacity

e. Dimensions

* 8. What drydock facilities exist at this yard?

* a. Number

* b. Location

* c. Type

* d. Capacity

* e. Dimensions

S-E-C-R-E-T

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

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11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Subject: SHIPYARDS

Country: USSR

S-E-C-R-E-T

City: ASTERKHAN

Current Name: Ship Repair Shops #55

Alternate Names: Ship Repair Shop #55

Coordinates: 46°10'10"N-47°58'01"E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Key	Number and Size of docks: A - Floating B - Graving	Number and Size of Marine Railways	General impression as to efficiency of yard and adequacy of tools	Type of past Production, Construction Repair	Reported Number Employees	Est. Maximum number Employees	Estimated Maximum Yearly Production	
						1945-50 repaired tanks, turbines and cargo vessels; built small motor cutters.	140-200 (1945-50)	140	140	140

Subject : SHIPYARDS
Country : USSR
City : Astrakhan

Current Name : Ship Repair Workshops #55

Alternate Name: Bayd Tanker Ship Repair Shops

Location : On lower eastern bank of Zayachiy Island

Remarks : The Ship Repair Workshops #55 are actually three old tanker barges (Nos. 55, 53, 27)* permanently tied to the bank of Zayachiy Island which contain workshops. In addition, the shops have a warehouse and garage on shore. The shops perform current and medium repair of transport and auxiliary vessels during the winter period. In addition they perform navigation and accident repair work during the navigation period and clean engines and boilers. Their production activity amounts to 3 million rubles gross production per year.
The Workshops are subordinate to the Baydtanker Shipping Company of the Ministry of the Merchant Fleet.

Dimensions of Barges:

#55 - Length approx. 394 ft., Beam approx. 38 ft.
#53 - Length approx. 328 ft., Beam approx. 33 ft.
#27 - Length approx. 353 ft., Beam approx. 38 ft.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Astrakhan
Current Name: Ship Repair Workshops #55

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

- * 1. What is the current name of this yard?
- * 2. By what other names is the yard known?
- * 3. What is the exact location of this yard?
 - * a. Coordinates
 - * b. Azimuth and distance from some prominent landmark.
- 4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- * 6. What are the dimensions and functions of each building?
- * 7. What building ways exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- * 8. What drydock facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions

* 9. What marine railway facilities exist at this yard?

- * a. Number
- * b. Location
- * c. Type
- * d. Capacity
- * e. Dimensions

* 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history(1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

SECRET

Port of Call

Country: USSR

City: ASTANANA

Origin: ~~USSR, Rep. of, and in, Soviet~~

Alternate Name: ~~Soviet International Shipping~~

Coordinates: ~~45° 15' N, 105° 15' E~~

Overall and net (sq. ft.)	Total Area of Buildings (sq. ft.)	Structure type and type of material used	Number and Size of dock:	Number and Size of berth and bunking	General in- formation as to efficiency of yard and adequacy of tools	Est. total man number employed	Estimated production	Merchant
10,000 sq. ft.	10,000 (10,000)	Concrete 1 or two building type is made and of steel reinforcement concrete.	None	None	1912-Built two 1915-500 boats, floating 1915-51- craft, coastal 700-800 steamers; repaired passenger vessels. 1913-Built tug, coastal vessels; repaired passenger ships. 1915-1921- Repaired ships about 50 per year. 1918-Built passenger liner. 1922-Repaired line-merchant vessels; 1923-Repaired ships. 1924-Built ships.	700	1,400	5,000

Subject: SHIPYARDS
Country: USSR
City: Astrakhan

Current Name: Ship Repair Yard im. Gritski

Alternate Name: Second International Shipyard

Location: Located 350 ft. north of the mouth of the Kutum River on the east bank of the Volga River at Dzerzhinskogo Ulitsa #9.

Remarks: This shipyard is subordinate to the Ministry of the River Fleet. It is primarily a ship repair yard specializing in engine, instrument and machinery repairs to all types of vessels of the river fleet, although it has engaged in ship construction. It was reported to have had an annual income, during the period 1945-51, of eight million rubles.

There are indications of plant expansion and modernization of facilities in the post-war years.

The exact line of demarcation between the northern boundary of this yard and southern boundary of Pier #5 is uncertain.

S-S-C-R-R-T

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : **ASTRAKHAN**
Current Name: **Ship Repair Yard im. Uritski**

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

*1. What is the current name of this yard?

*2. By what other names is the yard known?

*3. What is the exact location of this yard?

*a. Coordinates

*b. Azimuth and distance from some prominent landmark.

4. What are the limits of the yard area?

*5. What is the general plan and layout of the yard?

6. What are the dimensions and functions of each building?

7. What building ways exist at this yard?

a. Number

b. Location

c. Type

d. Capacity

e. Dimensions

*8. What drydock facilities exist at this yard?

*a. Number

*b. Location

*c. Type

*d. Capacity

*e. Dimensions

*9. What marine railway facilities exist at this yard?

- *a. Number
- *b. Location
- *c. Type
- *d. Capacity
- *e. Dimensions

*10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?
S-E-C-R-E-T

- a. Types and dates of construction,
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair,
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15. How many employees does the yard have?

- a. Number per shift,
- b. Number of shifts per day,
- c. Length of each shift,
- d. Number of days worked per week,
- e. Is there a seasonal fluctuation in employment?

*16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in GRT) or merchant vessels (measured in GRT)?

SECRET

Current and
 Coordinates: **65°10'00"N-47°59'00"E**

Number of
 Aircraft: 1000
 Location: **U.S.**

Year (1945-1950)	Number of Buildings (1945-1950)	Number and Size of Docks (1945-1950)	Number and Size of Warehouses (1945-1950)	General In- crease as to efficiency of work and advantage of tools	1945-1950 Increase in number of aircraft	1950-1955 Increase in number of aircraft	1955-1960 Increase in number of aircraft	1960-1965 Increase in number of aircraft	1965-1970 Increase in number of aircraft
1,500,000 (1945)	10,000 (1945)	100	100	100	100	100	100	100	2,000
1941-42- repaired floating boats, bays, tankers, refrigerator ships and ten boats. 1943-Repaired Volga fleet ships up to 100 ft. reconstructed bays and tankers 1945-50- repaired bays and river vessels of not more than 1000 ft. Repaired oil transfer pumps. 1950-Repaired ships, built motor survey boats, standard- ized spare parts, built freight carrying barges, 1951-Repaired barges, bays, manufactured spare parts.									

Subject : SHIPYARDS
Country : USSR
City : Astrakhan

Current Name : Stalin Shipyard #638

Alternate Name: N.A.

Location : On the eastern shore of the Volga River, in the Tsareva region on the shore of the Zolotoy Zaton, approximately 10,000 ft. SSW of the intersection of the Tsarev and Volga Rivers.

Remarks :

This shipyard is subordinate to the Volga Oil Shipping Company (Volgotanker) of the Ministry of the River Fleet. For the period 1945-1951, it is reported to have had a production output equivalent to eight million rubles a year.

The yard reportedly was built in 1932. Though it underwent reconstruction after the war, it has been reported that, at least until 1951, there was no expansion of the prewar facilities of the yard.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Astrakhan
Current Name: Stalin Shipyard #638

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 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- * 8. What drydock facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions

S-E-C-R-E-T

* 9. What marine railway facilities exist at this yard?

- * a. Number
- * b. Location
- * c. Type
- * d. Capacity
- * e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

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- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

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- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

a minimum of 200 square feet of floor space per employee.

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

SHIPYARD: STEVENS
 ONYX: 10th Anniversary, October
 Coordination: 10th Anniversary, October

SHIPYARD: STEVENS
 ONYX: 10th Anniversary, October
 Coordination: 10th Anniversary, October

Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Harbor, Type and Size of Building (sq.ft.)	Harbor and Size of Building (sq.ft.)	General Impression as to efficiency of yard and adequacy of tools	Estimated Number of Employees	Est. Total Number of Employees	Estimated Number of Employees	Estimated Number of Employees
1,100,000 (estimated) (1950-1955)	N.A.	Harbor 1 (see remarks)	N.A.	1942-43, repaired tankers and small vessels. 1945-51, repaired Royal Navy ships and barges; performed both major and minor repairs on barges and tugboats. 1952-55, repaired motor and steam ships and barges.	1,000 (1950)	N.A.	N.A.	N.A.

Subject : SHIPYARDS
Country : USSR
City : Astrakhan

Current Name : 10th Anniversary of the October Revolution Ship Repair Yard

Alternate Name: Raydtanker Ship Repair Yard

Location : On the east bank of Zayachiy Island fronting the Volga River, approximately 5,000 feet southeast of the northern tip of the island.

Remarks : This yard is directly subordinate to the Main Administration of the Tanker Fleet of the Ministry of the Maritime Fleet. Prior to 1952 the yard was under the administration of the Raydtanker Steamship Company.

It is primarily a repair yard and has been reconstructed since the war in order to make it a more effective base for medium and major repairs to the Raydtanker Steamship Company vessels.

Within the Astrakhan Oblast this yard is the largest industrial enterprise of the Maritime Fleet. It ranks second only to the 3rd International Shipyard of the Ministry of the River Fleet in the shipbuilding and ship repair industry in this area.

A wharve is either under construction or has been completed on the left bank of the Voloshka River (between the mainland and the island) for the use of this yard. Work was reported to be in progress on this additional facility in June of 1951.

The yard repairs annually an average of 40 tanker barges with a cargo carrying capacity of from 2 1/2 to 5 thousand tons each. The majority of these vessels are of larger size. It also repairs annually an average of ten tugs and twenty other floating units such as cutters, lighters, etc. The actual capacity of the yard, however, is probably 30% higher than this. In addition to repairs the yard also constructs vessel hulls. The mooring area of the yard can accommodate approximately 55 large size tanker barges, 30 to 40 motor and steamships and about 40 other floating units such as cutters, lighters, icebreakers, etc.

S-E-C-R-E-T

Subject : SHIPYARDS

Country : USSR

City : Astrakhan

Current Name: 10th Anniversary of the October Revolution Ship Repair Yard

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- *5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- 7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
- *8. What drydock facilities exist at this yard?
 - *a. Number
 - *b. Location
 - *c. Type
 - *d. Capacity
 - *e. Dimensions

S-E-C-R-E-T

- * 9. What marine railway facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- * 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
- * 11. What is the Yard's ship construction history (1935-present)?
 - * a. Types and dates of construction.
 - * b. Length of times between keel laying and launching.
 - * c. How many months a year is ship construction restricted by climatic conditions?
- 12. What ships has the yard repaired (1935-present)?
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- 13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?
- 14. What percentage of the yards facilities are involved in the production of these other items?
- 15. How many employees does the yard have?
 - a. Number per shift.
 - b. Number of shifts per day.
 - c. Length of each shift.
 - d. Number of days worked per week.
 - e. Is there a seasonal fluctuation in employment?
- 16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Abstract

Alberto "Beto" Fernandez

SECRET

Overall Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Buildings	Number and Size of Docks: A - Floating B - Draving	Number and Size of Marine air- craft	General In- formation as to efficiency of yard and adequacy of tools	1942-1945 Overhauled & repaired large ships & vessels, constructed 1942- petroleum tankers, 1,000 1945-1951 Repaired oil carrying vessels of the Volga tanker steam- ship line, mostly barges Also overhauled lighters and other small vessels. 1951-1952- 1952-1953- Built petroleum air cleaning equipment larger.	1946- 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2
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Subject : SHIPYARDS
Country : USSR
City : Astrakhan

Current Name : Third International Shipyard

Alternate Name: Kapski Slip

Location : Approximately 2200 ft. northwest of Moskov Island on the west bank of the Volga, bordering the north bank of the Darma River
Remarks : at its juncture with the Volga.

This yard is subordinated to the Volgatanker Shipping Company of the Ministry of the River Fleet. The slip possessed by this yard is claimed to be the largest in all Europe.

It can simultaneously accommodate 25 to 30 river type vessels up to about 650 feet long. It is flanked on both sides by a large flat bed of transverse tracks, running perpendicular to and crossing the main way, upon which vessels are hauled into position for repair. Improvements to this pre-war yard, which began in 1943, were accelerated in 1948-1949 when a modern machine shop, an electric power plant, and a transformer station, a compressor, an oxygen plant and several warehouses were added to the existing facilities.

The yard's main activity appears to be the repair of oil tanker barges, although it is believed capable of new construction work.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Astrakhan
Current Name: Third International Shipyard

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- * 1. What is the current name of this yard?
- * 2. By what other names is the yard known?
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 - * a. Coordinates
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- * 4. What are the limits of the yard area?
- * 5. What is the general plan and layout of the yard?
- * 6. What are the dimensions and functions of each building?
- * 7. What building ways exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- * 8. What drydock facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions

S-E-C-R-E-T

* 9. What marine railway facilities exist at this yard?

- * a. Number
- * b. Location
- * c. Type
- * d. Capacity
- * e. Dimensions

* 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
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- e. Is there a seasonal fluctuation in employment?

* 16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GFT)?

S-E-C-R-E-T

Country: USA
 City: Australia
 Current Name: **Trusovsky Repair Shipyard #57**
 Coordinates: **16 22 10 N 145 00 55 E**
 Location Notes: **N.A.**

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Bay	Number and Size of Dry-docks: A - floating B - craning	Number and Size of Marine Piers	General Im-pression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. maxi-mum number Employees	Estimated Maximum Yearly Production	Merchant Ship
3,640,000	250,000 (includes all buildings) (1982)	None	None	None	N.A.	1982-1984 Constructed postwar	N.A.	N.A.	Repair only	

Subject : SHIPYARDS
Country : USSR
City : Astrakhan

Current Name : Trusovskiy Ship Repair Yard #527

Alternate Name: N.A.

Location : On the west bank of the Volga River, directly WNW of the northern tip of a large island located west of the main town of Astrakhan;
Remarks : in the northern section of the Trusovskiy suburb of Astrakhan.

The present activity of this yard is unknown. Little information has been received on it since World War II. At that time it had several small buildings suitable for administrative purposes, a boiler and power house, several workshops, a foundry and some, 700 feet berthing space, storage facilities and communication facilities.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Astrakhan
Current Name: Trusovskiy Ship Repair Yard

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 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- * 8. What drydock facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions

S-F-C-P-E-T

* 9. What marine railway facilities exist at this yard?

- * a. Number
- * b. Location
- * c. Type
- * d. Capacity
- * e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Subject: SIVYUS

Country: USSR

S-J-C-P-1-F

City: HALKOV

Current Name: Palakovo Ship Repair Yard

Alternate Names: Sudorost' Yard, Karyavna Yard

Coordinates: 52°02'30"N 47°07'30"E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Bay	Number and Size of Dry-docks: A - floating B - Graving	Number and Size of Marine Piers	General impression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. maximum number Employees	Estimated maximum Yearly Production	Merchant Ship
50,700	60,300	2-piers ship-bay 60'x40'x100' long	None	1-1	None	1960-1971 Overhauled 1000 vessels; constructed 1000 new vessels; modernized and repaired 1000 vessels	600,000	1,000	2,000	7,100

Subject: SHIPYARDS
Country: USSR
City : Balakovo

Current Name: Balakovo Ship Repair Yard

Alternate Name: "Sudoremont" Yard; Karavanka Yard

Location: In the N.W. part of Balakovo, S.E. of the junction of the River Volga and the inlet bounding Balakovo on the north.

Remarks: This yard has been in operation for about 25 years. Some new construction is done here but the yard is mainly used for the overhaul and repair of river craft.

The yard also engages in the repair, overhaul, and construction of diesel engines.

Subject : SHIPYARDS
Country : USSR
City : BALATOVO
Current Name: Balakovo Ship Repair Yard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

- *1. What is the current name of this yard?
- *2. By what other names is the yard known?
- *3. What is the exact location of this yard?
 - *a. Coordinates
 - *b. Azimuth and distance from some prominent landmark.
- *4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- 7. What building ways exist at this yard?
 - *a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
- *8. What drydock facilities exist at this yard?
 - *a. Number
 - *b. Location
 - *c. Type
 - *d. Capacity
 - *e. Dimensions

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history(1935-present)?
~~Ship Construction~~

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

* 16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

~~S-E-C-R-E-T~~

* 17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

~~S-E-C-R-E-T~~

Subject: SILVERUS

Country: USSR

S-C-C-R-3-F

City: LENINGRAD

Current Name: Iskretovsk Ship Repair Yard

Alternate Names: Iskretovsk Shipyard

Coordinates: (of City) 48°36'N-40°25'E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of Dry-docks: A - Floating B - Graving	Number and Size of Marine Railing ways	General impression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. maximum Employees	Estimated maximum Yearly Production	
									Naval Ship	Merchant Ship
N.A.	N.A.	1,000' Long	None	None	Good	1940-45 produced 1-2 types tankers, 1946-48 repaired river boats, 1949 important construction of river boats	700	N.A.	N.A.	N.A.

Subject: SHIPYARDS
Country: USSR
City : **Beketovka**

Current Name: **Beketovka Ship Repair Yard**

Alternate Name: **Beketovka Shipyard**

Location: **Approximately 15 KMs south of the center of the city of Stalingrad, on the S.W. side of an island in the Volga River.**

Remarks: **This plant was built shortly before World War I. It suffered slight damage during the war and reconstruction work was completed during 1949. During World War II, the plant produced T-34 type tanks. After the war, it was used for repair and perhaps some new construction of river vessels.**

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : ~~Bakotovka~~
Current Name: ~~Bakotovka~~ Ship Repair Yard

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- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
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 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
- * 8. What drydock facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions

*9. What marine railway facilities exist at this yard?

- *a. Number
- *b. Location
- *c. Type
- *d. Capacity
- *e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

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- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

Subject: STYRIS

Country: USSR

S-E-C-R-E-T

City: **CHATEAUX**

Current Name: Chapurnik Shipyard

Alternate Series: N=A.

Coordinates: 48° 25' N - 116° 36' E

[illegible]

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Figure 1 is a line graph showing the percentage of total protein in the supernatant versus the percentage of total protein in the pellet for various proteins. The y-axis is labeled 'Protein (%)' and ranges from 0 to 100. The x-axis is labeled 'Protein (%)' and ranges from 0 to 100. A diagonal line represents the 1:1 ratio. Data points for various proteins are plotted, showing their distribution between supernatant and pellet fractions.

10

□

10

10

Subject: SHIPYARDS
Country: USSR
City : Chapurniki

Current Name: Chapurniki Shipyard

Alternate Name: N.A.

Location: N.A.

Remarks: Information on this yard is extremely meager.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Chapurniki
Current Name: Chapurniki Shipyard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

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 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
- 4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- 7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
- 8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?
Ship Construction

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

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15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

~~S-E-C-R-E-T~~

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

~~S-E-C-R-E-T~~

Subject: SHIP REPAIR Country: USSR S-J-C-R-100
 City: Chistopol
 Current Name: Mar's Ship Repair Yard Alternate Names: Ship Repair Plant 1/n 25-1, Alva Tataril
 Coordinates: 50°11'N-50°37'E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of Dry-docks: A - floating B - Graving	Number and Size of Marine Rail ways	General Im-pression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. Maxi-mum number Employees	Estimated Maximum Yearly Production	Naval SVT	Merchant Ship
NA	NA	NA	1-4	NA	Good	1941-1953 1941-1953 vessels repaired and constructed bottling and unfocused ships engine components	6,000	NA	NA	NA	NA

Subject : SHIPYARDS
Country : USSR
City : Chistopol

Current Name : Kurt Ship Repair Yard

Alternate Name: "Kurt"; Ship Repair Plant imeni ZS-Letiye Tatarii

Location : On the Kama River, 36 Km SW of Stalingrad.

Remarks : This yard is reported to be the largest ship repair yard on the Kama River.

S-E-C-R-E-T

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : **Chistopol**
Current Name: **Kurt Ship Repair Yard**

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

- *1. What is the current name of this yard?
- *2. By what other names is the yard known?
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 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
4. What are the limits of the yard area?
5. What is the general plan and layout of the yard?
6. What are the dimensions and functions of each building?
7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
8. What drydock facilities exist at this yard?
 - *a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

Subject: SHIPYARDS
Country: USSR
City : Kalach

Current Name: Kalach Ship Repair Shops

Alternate Name: Kalach Repair and Machine Plant (former name)

Location: W.A.

Remarks: Kalachevskiy port (Kalach Harbor) is one of the largest ports on the Volga-Don waterway. The Repair and Machine Plant which repaired excavators, tractors, hoists and manufactured new machines for builders of the waterway was transformed into a ship-repair yard for the vessels sailing the Volga-Don Canal when construction was completed. The Repair and Machine Plant was a large industrial enterprise occupying several hectares, and it is assumed that the ship-repair shops occupy the same general area.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Kalash
Current Name: Kalash Ship Repair Shops

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk *.

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 - a. Coordinates
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4. What are the limits of the yard area?
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 - a. Number
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 - e. Dimensions
8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

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- a. Types and dates of construction.
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Subject: SHIPYARDS

Country: USSR

S-P-C-R-U-T

City: KANSKOYE UTYE

Current Name: Shipskov Shipyard

Alternate Names: Kanskoye Utye Ship Repair Yard; Vol. a-Tankur Shipyard, Kanskly Shipyard Construction Yard

Coordinates: (of city) 55°11'N-49°16'E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of Dry-docks: A - Floating B - Graving	Number and Size of Marine Pail-ways	General im-pression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. maxi-mum number Employees	Estimated Maximum Yearly Production	Merchant GR
NA.	NA.	NA.	NA.	NA.	NA.	Largest for petroleum and dry cargo. 1951-Planned construction of 12-1000 ton barges in 10 months.	NA.	NA.	NA.	NA.

Subject: SHIPYARDS
Country: USSR
City : Kamskoye-Ustye

Current Name: Butyakov Shipyards

Alternate Name: Kamskoye-Ustye Ship Repair Yard;
Volga Tanker Shipyards, Kamsky Ship Construction Yard

Location: On the Kama River

Remarks: These names are thought to be alternate names of the same installation, however, it is possible that more than one ship repair yard exists in this area.
This yard is subordinate to the Ministry of the River Fleet.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Kanskoye Ustye
Current Name: Butyakov Shipyard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk *.

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2. By what other names is the yard known?
3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
4. What are the limits of the yard area?
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7. What building ways exist at this yard?
 - a. Number
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8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history(1935-present)?
(See Fleet Report)

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

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16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

SECRET

Subject: SHIPYARDS
Country: USSR
City : **Kanyshin**

Current Name: **Pobeda Shipyard**

Alternate Name: **N.A.**

Location: **N.A.**

Remarks: **Very little information exists on this yard.**

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Kamyshin
Current Name: Pobeda Shipyard

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S-E-C-R-E-T

Subject: SHIPYARDS
Country: USSR
City : ~~Kazan~~

Current Name: ~~Kazan Shipyard~~

Alternate Name: N.A.

Location: At the confluence of the Kazanka and Volga Rivers, 100 yards west of the ~~Kazan~~ railroad yards.

Remarks: No information has been received on this yard since the close of World War II.
The shipyard fronts the Volga River.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Kasaan
Current Name: Kasaan Shipyard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

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10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
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 - a. Types and dates of construction.
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 - a. Number per shift.
 - b. Number of shifts per day.
 - c. Length of each shift.
 - d. Number of days worked per week.
 - e. Is there a seasonal fluctuation in employment?
16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Subject: SILEYARDS

Country: USSR

S-E-C-R-E-T

City: KAZAN

Current Name: Kuybyshev Shipyard

Alternate Names: N.A.

Coordinates: (of City) 55°47'N-49°01'E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of Dry-docks: A - Floating B - Graving	Number and Size of Marine Railing	General impression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. Maximum number Employees	Estimated Maximum Yearly Production	Estimated Yearly Merchant GRT
I.L.	I.L.	I.L.	I.L.	I.L.	I.L.	1942- constructed newly repaired and extensive part.	I.L.	I.L.	I.L.	I.L.

Subject: SHIPYARDS
Country: USSR
City : ~~Kazan~~

Current Name: ~~Kuybyshev Shipyard~~

Alternate Name: ---

Location: ~~Kazan~~

Remarks: The only report available on this yard is dated June 1942.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : **Kazan**
Current Name: **Kuybyshev Shipyard**

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

1. What is the current name of this yard?
2. By what other names is the yard known?
3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
4. What are the limits of the yard area?
5. What is the general plan and layout of the yard?
6. What are the dimensions and functions of each building?
7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

9. What marine railway facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
11. What is the Yard's ship construction history(1935-present)?
 - a. Types and dates of construction.
 - b. Length of times between keel laying and launching.
 - c. How many months a year is ship construction restricted by climatic conditions?
12. What ships has the yard repaired (1935-present)?
 - a. Types and dates of repair.
 - b. Extent of repairs.
 - c. How many months a year is ship repair restricted by climatic conditions?
13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?
14. What percentage of the yards facilities are involved in the production of these other items?
15. How many employees does the yard have?
 - a. Number per shift.
 - b. Number of shifts per day.
 - c. Length of each shift.
 - d. Number of days worked per week.
 - e. Is there a seasonal fluctuation in employment?
16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Subject: SHIPYARDS

Country: USSR

S-S-C-R-E-T

City: KAZAN

Current Name: 25th October Shipyard

Alternate Names: N

Coordinates: (of city) 55° 12' N, 49° 15' E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of Dry-docks: A - Floating B - Graving	Number and Size of Marine Facilities	General impression as to efficiency of yard and adequacy of tools	Type of past Production. Construction Repair	Reported Number Employees	Est. maximum number Employees	Estimated maximum Yearly Production	Merchant Ship
E.A.	E.A.	At least 12-15 million sq.ft.	E.A.	E.A.	Good	1963-1965 Construction, repair work, and repaired vessels	1963-1965 12,000 (3 shifts)	E.A.	E.A.	E.A.

Subject : SHIPYARDS
Country : USSR
City : ~~Kazan~~
Current Name : 25th October Shipyard
Alternate Name: ~~W-1~~
Location : On the bank of the Volga River in the vicinity of Kazan.
Remarks : The only information received on this yard is prior to 1944. At that time this yard reportedly had the following installations: pattern, casting and machine shops, forge, boiler plant, machine tools shop, mechanical repair shop, ship construction section, slips, compressor plant, welding shop, carpenter shop and paint shop.

S-E-C-R-E-T

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Kazan
Current Name: 25th October Shipyard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

1. What is the current name of this yard?
2. By what other names is the yard known?
3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
4. What are the limits of the yard area?
5. What is the general plan and layout of the yard?
6. What are the dimensions and functions of each building?
7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

S-E-C-R-E-T

9. What marine railway facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
11. What is the Yard's ship construction history (1935-present)?
 - a. Types and dates of construction.
 - b. Length of times between keel laying and launching.
 - c. How many months a year is ship construction restricted by climatic conditions?
12. What ships has the yard repaired (1935-present)?
 - a. Types and dates of repair.
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 - c. How many months a year is ship repair restricted by climatic conditions?
13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?
14. What percentage of the yards facilities are involved in the production of these other items?
15. How many employees does the yard have?
 - a. Number per shift.
 - b. Number of shifts per day.
 - c. Length of each shift.
 - d. Number of days worked per week.
 - e. Is there a seasonal fluctuation in employment?
16. What is the estimated maximum number of employees per shift based on a minimum of 200 employees?

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Su. Job: SUPPARD

Country: USSR

S-10-1-1

City: MASLOVETS

Current Name: ~~XXXXXXXXXX~~ Ship Repair Yard

Albana's Name: ~~XXXXXXXXXX~~ Ship Repair Yard

Coordinates: ~~XXXXXXXXXX~~

Total Yard Area (sq. ft.)	Total Area of Buildings (sq. ft.)	Number, Type and Size of Building Way	Number and Size of Docks: A - floating B - graving	Number and Size of Marine Railways	General impression as to efficiency of yard and adequacy of tools	Type of past production, construction repair	Reported Number Employees	Est. maximum number Employees	Estimated Maximum Yearly Production	Merchant
			1. 1 (Concrete and steel) 2. 1 (wooden) 3. 1 (wooden) 4. 1 (wooden) 5. 1 (wooden) 6. 1 (wooden) 7. 1 (wooden) 8. 1 (wooden) 9. 1 (wooden) 10. 1 (wooden) 11. 1 (wooden) 12. 1 (wooden) 13. 1 (wooden) 14. 1 (wooden) 15. 1 (wooden) 16. 1 (wooden) 17. 1 (wooden) 18. 1 (wooden) 19. 1 (wooden) 20. 1 (wooden) 21. 1 (wooden) 22. 1 (wooden) 23. 1 (wooden) 24. 1 (wooden) 25. 1 (wooden) 26. 1 (wooden) 27. 1 (wooden) 28. 1 (wooden) 29. 1 (wooden) 30. 1 (wooden) 31. 1 (wooden) 32. 1 (wooden) 33. 1 (wooden) 34. 1 (wooden) 35. 1 (wooden) 36. 1 (wooden) 37. 1 (wooden) 38. 1 (wooden) 39. 1 (wooden) 40. 1 (wooden) 41. 1 (wooden) 42. 1 (wooden) 43. 1 (wooden) 44. 1 (wooden) 45. 1 (wooden) 46. 1 (wooden) 47. 1 (wooden) 48. 1 (wooden) 49. 1 (wooden) 50. 1 (wooden) 51. 1 (wooden) 52. 1 (wooden) 53. 1 (wooden) 54. 1 (wooden) 55. 1 (wooden) 56. 1 (wooden) 57. 1 (wooden) 58. 1 (wooden) 59. 1 (wooden) 60. 1 (wooden) 61. 1 (wooden) 62. 1 (wooden) 63. 1 (wooden) 64. 1 (wooden) 65. 1 (wooden) 66. 1 (wooden) 67. 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Subject : SHIPYARDS
Country : USSR
City : Krasnoarmeysk
Current Name : Krasnoarmeysk Ship Repair Yard
Alternate Name: Sarepta Shipyard, Krasnoarmeysk Boat Building Yard
Location : Approximately 1½ miles W of the Shipyard "Krasnoarmeysk 264", on
a peninsula formed by the Volga and a back water called
Remarks : Sareptskiy Eton.

This is a prewar (WWII) installation. In 1942 this yard was engaged in construction of barges 100-250 feet in length. Since WW II, construction appears to have been limited to small wooden rowboats, small propellers for tugs and barges. This yard's activity has been devoted principally to the repair of Volga River vessels such as, tugs, barges, freighters and passenger vessels up to 2,000 tons.

There are no building ways or marine railways. Vessels to be repaired are secured on land at high water and returned to water at the next high water.

The floating Dock is used for the repair of small tugs and is reportedly capable of handling vessels of 2,000 to 3,000 GRT.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : ~~Krasnoarmysk~~
Current Name: ~~Krasnoarmysk Ship Repair Yard~~

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

- * 1. What is the current name of this yard?
- * 2. By what other names is the yard known?
- * 3. What is the exact location of this yard?
 - * a. Coordinates
 - * b. Azimuth and distance from some prominent landmark.
- 4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- * 7. What building ways exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- 8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

S-E-C-R-E-T

* 9. What marine railway facilities exist at this yard?

- * a. Number
- * b. Location
- * c. Type
- * d. Capacity
- * e. Dimensions

* 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

* 13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

* 16. What is the estimated maximum number of employees per shift based on

a minimum of 200 square feet of working area per employee

S-E-C-R-E-T

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GFT)?

S-E-C-R-E-T

Coastal Shipping
 Current Name: Stalingrad Shipyard #261
 Coordinates: 48°31'00"N-41°02'00"E
 Country: USSR
 Address: Krasnodarsky Stalingrad Shipyard and Heavy Equipment Plant, Krasnodarsky Obl.
 City: KRASNODARSK (Stalingrad Oblast)

Overall Yard (sq.ft.)	Overall Area of Buildings (sq.ft.)	Number and Size of Docks (ft. x ft.)	Number and Size of Barges and Tugs (ft. x ft.)	General Use Inventory as to efficiency of yard and adequacy of tools	Construction Materials Used Construction Methods Used	Production Rate (tons per hour)	Capacity (tons)
8,680,000	1,384,000	1 - Broadside building & repair way (360x1600 ft.) 3 - covered building ways (510x60 ft.) 9 - open building ways (5 - 440x60 ft.) (4 - 510x60 ft.)	None	Good	Constructed: 2000(1942)7,000 1941-1945- to 12000 larger vessels (1946) lighters up to 6,000 tons. motor boats, tankers, speed boats, torpedo boats, and armament mater- ial. 1942-Small primitive river craft. 1943-1-30 tank parts-no vessels 1944-1-30 tank parts for aircraft, railroad cars - no vessels. 1945-1,000 ton motor barges, 1,000 ton tugs, tugs for battleships. 1946-1 tank parts - no vessels. 1947-Sixteen passenger ships 164 ft. long, naval gun turrets, 3,000 ton tankers, 400 ton tugs, cranes. 1948-600 HP tugs, 3,000 ton dry cargo barges, turrets for naval guns, anchors, anchor chain, ship propellers. 1949-River dredgers and tugs 197-230 ft. long. 1951-Suction dredges - capacity 300 cu.m. per hour; super suction dredge (Zarya Vostoka) 190 ft. long, weighs 640 tons and has a capacity of 1600 cu. m. per hour.	14,000	49,000

Subject : SHIPYARDS
Country : USSR
City : Krasnoarmeysk

Current Name : Stalingrad Shipyard #264

Alternate Name: Krasnoarmeysk Shipyard; Stalingrad Shipyard and Heavy Equipment Plant, "Krasnoarmeysk" 264.

Location : This shipyard is located on the south side of Sareptskiyaton, a dead arm of the Volga. It is on the northern outskirts of

Remarks : Krasnoarmeysk and approximately 13 3/4 miles SW of Stalingrad.

This plant was built during the early 1930's and prior to World War II it produced more than 100 river vessels, barges, tugs, etc.. At the beginning of World War II certain sections of the plant began making tanks and other armaments. It suffered severe damage during the siege of Stalingrad. Postwar plans called for a greatly expanded shipbuilding program.

Stalingrad Shipyard #264 has a broadside launching slip about 360 feet wide and 1600 feet long. It has 12 building slips or stocks as follows: 4 open stocks, 540 x 60 ft.; 5 open stocks, 440 x 60 ft.; and 3 covered stocks, 540 x 60 ft. There are 4 engineering shops, each approximately 500 x 200 ft. and 8 smaller buildings. The plant has the following types of equipment and facilities:

- a. 4 open hearth furnaces
- b. 7 large rolling mills
- c. Machine shop - steel presses (some US made) stamping machines, boring machines, threading machines, grinding machines, lathes (some US made).
- d. Foundry - coke and oil fired furnace, 30 ton capacity
- e. 4 automatic annealing furnaces - gas fired
- f. Electric and autogenous welding sets
- g. Ship hoisting installation - 10 electric winches, can hoist ships up to 492 ft. in length ashore (on broadside building and repair way)
- h. A five million litre capacity underground crude oil tank connected with the river by two pipe lines.

According to information in 1947 the machinery was in good condition and of the following origins: German, French, Belgian, English, and Russian. In 1949 this was reported to be the best equipped river shipyard in the USSR.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Krasnoarmeysk
Current Name: Stalingrad Shipyard #264

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

* 1. What is the current name of this yard?

* 2. By what other names is the yard known?

* 3. What is the exact location of this yard?

* a. Coordinates

* b. Azimuth and distance from some prominent landmark.

* 4. What are the limits of the yard area?

* 5. What is the general plan and layout of the yard?

* 6. What are the dimensions and functions of each building?

* 7. What building ways exist at this yard?

* a. Number

* b. Location

* c. Type

d. Capacity

* e. Dimensions

* 8. What drydock facilities exist at this yard?

* a. Number

* b. Location

* c. Type

* d. Capacity

* e. Dimensions

S-E-C-R-E-T

S-E-C-R-E-T

- * 9. What marine railway facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- * 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
- * 11. What is the Yard's ship construction history (1935-present)?
 - * a. Types and dates of construction.
 - b. Length of times between keel laying and launching.
 - c. How many months a year is ship construction restricted by climatic conditions?
- * 12. What ships has the yard repaired (1935-present)?
 - * a. Types and dates of repair.
 - * b. Extent of repairs.
 - * c. How many months a year is ship repair restricted by climatic conditions?
- * 13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?
- 14. What percentage of the yards facilities are involved in the production of these other items?
- * 15. How many employees does the yard have?
 - a. Number per shift.
 - b. Number of shifts per day.
 - c. Length of each shift.
 - * d. Number of days worked per week.
 - * e. Is there a seasonal fluctuation in employment?
- * 16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GFT)?

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Kriushi

Current Name : Kriushi Ship Repair Yard

Alternate Name: N.A.

Location : Located on the Volga River approximately 30 km south or downstream from Ul'yanovsk.

Remarks : This yard was in operation as early as 1943. It is identified chiefly as a repair yard with a small amount of construction reported in 1943 and 1944. This construction was limited to non-self propelled wooden boats of small tonnage, and small towboats. This yard in the same period did repair work on non-self propelled ships, floating landing bridges, steam tugs and local service boats.

This is reported to be a shipyard of the NKRF (Peoples Commissariat of the River Fleet).

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Kriushi
Current Name: Kriushi Ship Repair Yard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk *.

- *1. What is the current name of this yard?
- 2. By what other names is the yard known?
- 3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
- 4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- 7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
- 8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

S-E-C-R-E-T

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

* 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

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- a. Types and dates of repair.
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13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GFT)?

S-E-C-R-E-T

Shipyard: STYRNIS
 Country: USSR
 City: KYBYSHEV
 Current Name: Krylovskiy Ship Repair Yard
 Alternate Names: Severn Shipyard, Volga River Repair Yard
 Coordinates: 53°01'45"N-50°06'29"E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Bay	Number and Size of Dry-Docks: A - Floating B - Graving	Number and Size of Marine Railways	General Impression as to efficiency of yard and adequacy of tools	Type of past production, boat construction, repair	Number of workers	Est. maximum number of employees	Estimated maximum yearly production	Merchant
600,000	30,000	1 - L.L.	100	100	100	Construction: 1,000 1910-Construction (1910-11) ed ocean and 4,000 river freighters. (1912) 1913-Constructed 400 HP tugs, repaired ships; types of vessels. 1914-Constructed 400 HP tugs repaired ships of Central Volga Fleet. 1917-Constructed agricultural parts. 1921-Constructed space parts for ships. 1922-Constructed a floating workshop for river vessel repairs.	1,000	400	900	2000

Subject : SHIPYARDS
Country : USSR
City : Kuybyshev

Current Name : Kuybyshev Ship Repair Yard

Alternate Name: Kuybyshev Shipyard, Samara, Volga Tanker Repair Yard

Location : The yard is located in the southern part of Kuybyshev. It is on the north bank of the Samara River about 1 3/4 miles above

Remarks : the junction of the Samara with the Volga River. The yard is adjacent to the Kuybyshev Railroad Bridges over the Samara River; the bridges are on the eastern end of the yard.

Kuybyshev Ship Repair Yard dates back to the early days of World War II or before. This yard is chiefly concerned with the construction and repair of barges and small river boats. As early as 1942 the Kuybyshev Ship Repair Yard was reported to have the following shops: pattern and casting shops, forge, boiler plant, machine and assembly shops, ship construction section, ship elevator, carpenter shop, paint shop, electric shop, electric welding shop, machine tools and mechanical repair shops. In 1947 the yard also manufactured parts for agricultural machines. In 1951 the yard was making the following types of spare parts: wheel arms and bushings, piston pins and piston rings.

One slip way is reported, however, on available aerial photography, (1942) no slip way appears.

Subject : SHIPYARDS
Country : USSR
City : Kuybyshev
Current Name: Kuybyshev Ship Repair Yard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

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4. What are the limits of the yard area?

5. What is the general plan and layout of the yard?

6. What are the dimensions and functions of each building?

7. What building ways exist at this yard?

a. Number

b. Location

c. Type

d. Capacity

e. Dimensions

*8. What drydock facilities exist at this yard?

* a. Number

*b. Location

* c. Type

*d. Capacity

* e. Dimensions

S-E-C-R-E-T

- * 9. What marine railway facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- * 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
- 11. What is the Yard's ship construction history (1935-present)?
 - a. Types and dates of construction.
 - b. Length of times between keel laying and launching.
 - c. How many months a year is ship construction restricted by climatic conditions?
- 12. What ships has the yard repaired (1935-present)?
 - a. Types and dates of repair.
 - b. Extent of repairs.
 - c. How many months a year is ship repair restricted by climatic conditions?
- 13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?
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 - c. Length of each shift.
 - d. Number of days worked per week.
 - e. Is there a seasonal fluctuation in employment?

- * 16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GPT)?

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Kuybyshev

Current Name : N.A. (New Shipyard)

Alternate Name: N.A.

Location : N.A.

Remarks : In 1946 IZVESTIYA announced that a new shipbuilding yard costing 100 million rubles would be constructed in Kuybyshev. In 1947 RECHNOY TRANSPORT reported that the new yard would be built for the river transport and that it would build motorships of 600 hp capacity, self-propelled barges and possibly 1200 hp motor towboats. A 1949 edition of RECHNOY TRANSPORT stated that the floating workshops recently put into operation in Kuybyshev, performs all ship repairs except casting.

A 1946 edition of TIKHOKEANSKAYA ZVEZDA (Pacific Ocean Star) announced that the shipyard to be built at Kuybyshev would be for the construction of metal ships. Shipbuilding time would be shortened by the production of sectional ship assemblies. New mechanized and covered dockyards would make it possible to work the whole year around. The article stated that new tugboats would come out of the docks every eight days, also the article aided that steering machinery, floating cranes, hoists and other shipbuilding mechanisms would be installed.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Kuybyshev
Current Name: NA (New Shipyard)

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

1. What is the current name of this yard?
2. By what other names is the yard known?
3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
4. What are the limits of the yard area?
5. What is the general plan and layout of the yard?
6. What are the dimensions and functions of each building?
7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

S-E-C-R-E-T

S-E-C-R-E-T

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GFT)?

S-E-C-R-E-T

For Field STIPULATIONS
 Current Name: Interchange Plant
 Coordinates: (see site) STIPULATIONS

Contract: None
 Alternate Names: Interchange Plant Shop, Repair Shop
 (S-1000 = 0)
 City: MAHECHENGE CHIL

Yard Area (sq. ft.)	Total Area of Buildings (sq. ft.)	Number, Type and Size of Building	Number and Size of Dock: A - floating B - Graving	Number and Size of Machine and	General Information as to efficiency of yard and adequacy of tools	Number of workers employed	Number of men employed	Religious, Educational, Recreation	Location
10,000	10,000				1943-46 constructed 400 ton river barges. 1946-Constructed steel boats (approx. 65-70 ft. long), and a tugboat. 1946-Constructed barges (self-propelled and non self-propelled), and other structures of all types.	50 - 100	50	100	100

Subject : SHIPYARDS
Country : USSR
City : Naberezhnye Chal

Current Name : Naberezhnye Shipyard

Alternate Name: Naberezhnye River Craft Repair Shop

Location : The shipyard is located on the north bank of the Kama River directly opposite the town of Naberezhnye Chal.

Remarks : This yard dates back to the days of the Tsar. New machinery was installed during the 1920's but most of this has been made useless by the annual flooding of the area, which floods the district and the shops. This yard is occupied chiefly with repair and maintenance of river craft, although barges, tugboats and river gunboats are reported to have been constructed. Launching is handled by rolling the vessels into the river by the use of logs and by making use of the spring floods.

This yard is reported to be one of the main repair bases for the Kama River Shipping Line.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : ~~Mahareskhye~~ Chal
Current Name: ~~Mahareskhye~~ Shipyards

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

- *1. What is the current name of this yard?
- *2. By what other names is the yard known?
3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
4. What are the limits of the yard area?
5. What is the general plan and layout of the yard?
6. What are the dimensions and functions of each building?
- *7. What building ways exist at this yard?
 - *a. Number
 - *b. Location
 - *c. Type
 - *d. Capacity
 - *e. Dimensions
- *8. What drydock facilities exist at this yard?
 - *a. Number
 - *b. Location
 - *c. Type
 - *d. Capacity
 - *e. Dimensions

9. That marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. That information exists as to the efficiency of the yard and the adequacy of tools can be given?

11. That is the Yard's ship construction history (1945-present)?

- a. Types and dates of construction.
- b. Length of time between keel laying and launching.
- c. How many vessels a year is ship construction restricted by climatic conditions?

12. That ships has the yard repaired in 1945-present?

- a. Types and dates of repairs.
- b. Extent of repairs.
- c. How many vessels a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. That percentage of the yard's facilities are involved in the production of these other items?

15. How many employees does the yard employ?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. That is the estimated maximum number of employees per shift and on a minimum of 200 square feet of building per employee?

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of time between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. For many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yard's facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

minimum of 200 square feet of building area per employee?

9. What marine railway facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
10. What information pertains to the efficiency of the yard and the adequacy of tools can be given?
11. What is the Yard's ship construction history (1935-present)?
 - a. Types and dates of construction.
 - b. Length of time between keel laying and launching.
 - c. How many weeks a year is ship construction restricted by climatic conditions?
12. What ships has the yard repaired (1935-present)?
 - a. Types and dates of repairs.
 - b. Extent of repairs.
 - c. For many weeks a year is ship repair restricted by climatic conditions?
13. What other products (excluding ship components) are manufactured or assembled at this yard, or in this country?
14. What percentage of the yard's facilities are involved in the production of these other items?
15. For many employees does the yard have?
 - a. Number per shift.
 - b. Number of shifts per day.
 - c. Length of each shift.
 - d. Number of days worked per week.
 - e. Is there a seasonal fluctuation in employment?
16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

17. If all of the yard's present facilities were devoted to shipbuilding, on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in GRT) or mercant vessels (measured in GRT)?

S-E-C-R-E-T

SAFETY SERVICES

COUNTRY: USSR

City: SARATOV

Current Name: Saratov Ship Repair Yard

Albarnato Name: Aleksandr Shipyard, Saratov Shipbuilding and Repair Yard, Kirev Shipbuilding and Repair Yard, Aleksandr Shipyard

Coordinates: 51° 11' 12" N, 40° 12' 22" E

Local Land Area (sq. ft.)	Local Area of Buildings (sq. ft.)	Number, Type and Size of Building Bay	Number and Size of docks: A - floating B - Graving	Number and Size of Bays and Piers	General Impression as to efficiency of yard and adequacy of tools	Construction of buildings	Number of buildings	Est. taxi-run number	Est. taxi-run number	Est. taxi-run number
500,000 (see remarks)	30,000 (see remarks)	None	None	1 - consisting of 3 pairs of piers, 2 ft. between each pair of piers, 20 ft. between each pair.		1912-1913- River boats Ship propellers Steering gears for submarines. 1913- All metal freighters, small wooden boats, tug- boats, and boats & dredgers. 1916-Parts for farming machines, 1917-iron sold, improved wooden boats. Repaired- 1912- River boats Ship propellers Steering gears for submarines. 1917-All tanks barges, tug boats, passenger motor ships, dredgers, 1950- Intelligent,	350,000 (see remarks)	150 (see remarks)	350 (see remarks)	1,000

Subject : SHIPYARDS
Country : USSR
City : Saratov
Current Name : Ship Repair Yard

Alternate Name: Alekseevskie Shipyard; Saratov Shipbuilding and Repair yard; Shipbuilding and Repair Yard; Sudorenont Shipyard
Location : The ship yard is located at the eastern extremity of the city on the north bank of the Tarkhama immediately above its junction with the Volga. It is about 1 1/2 miles east of the Saratov railroad station.
Remarks :

As early as 1912 this shipyard was engaged in construction and repair work on river craft and parts of submarines. The construction consisted of river boats, ship propellers and steering gears for submarines. The yard has since produced all-metal freighters, wooden boats, tugboats, and boats and dredgers. Immediately after World War II, this yard appeared to have been chiefly occupied with repair work, however, in 1948 Pravda announced that the shipyards of Saratov were expanding and that in addition to regular repairs, new ships were to be built.

The facilities in the yard include a machine shop, foundry, forge, carpenter shops and paint shop along with some storage and administrative buildings. The yard has three building ways, reportedly erected in 1950. These ways are actually marine railways and are laid out as follows: three pairs of rails approximately 20ft. apart, each pair of rails is approximately 2 ft. apart. The rails are approximately 50 ft. long and extend some 20 ft. into the water. A small two-axled car is on each pair of rails and these cars support the vessels being constructed or repaired.

In 1941 this shipyard was reported to have had 1,000 employees, but reports as late as 1947 credited the yard with only 350-400 employees. The efficiency of this yard and the adequacy of the tools appears to be fair.

This shipyard is under the Main Administration for Waterways of the Ministry of the River Fleet (GLAVODPUT of the MRF) and supplies the Saratov operating sector of the Volga Tanker Steamship Line.

It is difficult to determine the location of this yard or define the yard limits because it is situated on a shore of the river, which contains more than 5 nautical miles of port facilities. Until further information is available the location given on the attached graphics and material derived from these graphics must be listed as tentative only.

Subject : SHIPYARDS
Country : USSR
City : Saratov
Current Name: Saratov Ship Repair Yard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

- * 1. What is the current name of this yard?
- * 2. By what other names is the yard known?
- 3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
- 4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- * 7. What building ways exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- * 8. What drydock facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions

S-E-C-R-E-T

- * 9. What marine railway facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- * 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
- 11. What is the Yard's ship construction history (1935-present)?
 - a. Types and dates of construction.
 - b. Length of times between keel laying and launching.
 - c. How many months a year is ship construction restricted by climatic conditions?
- 12. What ships has the yard repaired (1935-present)?
 - a. Types and dates of repair.
 - b. Extent of repairs.
 - c. How many months a year is ship repair restricted by climatic conditions?
- 13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?
- 14. What percentage of the yards facilities are involved in the production of these other items?
- 15. How many employees does the yard have?
 - a. Number per shift.
 - b. Number of shifts per day.
 - c. Length of each shift.
 - d. Number of days worked per week.
 - e. Is there a seasonal fluctuation in employment?
- * 16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Subject: SUTLO

Country: USSR

City: **Saturn**

Current Name: **NA**

Alternate Names: **NA**

Coordinates: **NA**

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Buildings	Number and Size of Dry-docks: Floating	Number and Size of Landing Ramps	General Impression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. maximum number Employees	Estimated maximum yearly Production	Estimated maximum yearly Merchant tonnage
230,000	NA	ufficient to build 6-10 600 ton capacity river barges at one time.	NA	NA	NA	1946-1965 construction of barges	1946-1965 (1-10 hour shift)	NA	NA	NA

Subject : SHIPYARDS
Country : USSR
City : Saturn

Current Name : N.A.

Alternate Name: N.A.

Location : On the Kama River near Naberezhnye Chel (55°42'N, 52°19'E)

Remarks : Prior to 1947 barges were launched only during the season of high water on the Kama River. The barges were intended for use both on this river and the Volga. No information has been received on the yard since that time.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Saturn
Current Name: N.A.

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

1. What is the current name of this yard?
2. By what other names is the yard known?
3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
4. What are the limits of the yard area?
5. What is the general plan and layout of the yard?
6. What are the dimensions and functions of each building?
7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

SECRET

On 10/1/61 STWARDS
 Country: USSR
 City: SEVASTOPOL
 Current Name: Krasnaya Sloboda Shipyard #260
 Former Name: Heavy Remount Shipyard, HWRP Shipyard, Side-Remount Shipyard
 Coordinates: 45°18'30"N, 41°33'55"E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of docks: A - floating ways B - graving	Number and Size of various rail-ways	General in-pression as to efficiency of yard and adequacy of tools	Type of each production, year of construction, repair	Reported Number Employees	Estimated Maximum Yearly Production
1,000,000	100,000 (roof cover)	None	None	None	None	1945-1953 - repair of all types of vehicles, motor craft; manufacture of all necessary engines and hull replacements including propellers, crankshafts, drive shafts, pistons and all types of castings.	1946-1950 - 1000	None

Subject : SHIPYARDS
Country : USSR
City : Stalingrad

Current Name : Krasnaya Sloboda Shipyard #240

Alternate Name: Krasny Remont Shipyard, MVRP Shipyard, Suda-Remont Shipyard

Location : Opposite the town of Stalingrad on the SE bank of an arm of the Volga, at the north edge of the town of Krasnaya Sloboda.

Remarks : This yard serves as a repair yard and overhaul yard for ships in the Stalingrad area. Vessels to be repaired are either hauled onto the beach using mostly hand driven winches or allowed to freeze in the ice in the fall, upon which necessary equipment can be set up along side the vessels to accomplish the repairs.

There are conflicting reports on the existence of a primitive dry dock at this repair yard. It is possible that reports that indicate the existence of a dry dock are referring to the Krasnoarmeysk Ship Repair Yard at Krasnoarmeysk.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Stalingrad
Current Name: Krasnaya Sloboda Shipyard #260

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

- * 1. What is the current name of this yard?
- * 2. By what other names is the yard known?
- * 3. What is the exact location of this yard?
 - * a. Coordinates
 - * b. Azimuth and distance from some prominent landmark.
- * 4. What are the limits of the yard area?
- * 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- * 7. What building ways exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- 8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

S-E-C-R-E-T

* 9. What marine railway facilities exist at this yard?

- * a. Number
- * b. Location
- * c. Type
- * d. Capacity
- * e. Dimensions

* 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

* 12. What ships has the yard repaired (1935-present)?

- * a. Types and dates of repair.
- * b. Extent of repairs.
- * c. How many months a year is ship repair restricted by climatic conditions?

* 13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GT)?

S-E-C-R-E-T

Country: USSR
City: STALINGRAD
Alternate Name: Stalingrad Shipyard, South

Coordinates: (Approx) 48°41'N 44°29'E

Current Name: Stalingrad Shipyard

Coordinates: (Approx) 48°41'N 44°29'E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of Dry-docks: A = Floating B = Graving	Number and Size of Marine Ways	General Impression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. Max. Number Employees	Estimated Capacity Production	Merchant Ship
1,600,000	N.A.	1 - Construction building and repair ways covering an area of approx. 320,000 sq.ft.	NONE	NONE	Good	During World War II, Manufactured armored tanks & ammunition. 1947-1949 Constructed: 100 barges (2-3,000 tons each), and tugboats powered by 1 or 2 500 HP diesel engines. Also manufactured armored tank components.	N.A.	N.A.	N.A.	N.A.

Subject : SHIPYARDS
Country : USSR
City : Stalingrad
Current Name : Stalingrad Shipyard

Alternate Name:

Location : On the western bank of the Volga, 2 miles S.S.W. of the main railway station, about 1500 yards from the railroad line to Rostov

Remarks : This yard began operations in 1931 and had constructed 120 vessels by the end of 1941. These included large diesel-powered refrigerator ships and all-welded oil barges. During the siege of Stalingrad in World War II the yard was almost completely demolished, however, it was reconstructed and it was announced in the Soviet press in July 1947 that the first post-war barge, of 3,000 ton capacity had been launched.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Stalingrad
Current Name: Stalingrad Shipyard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

- * 1. What is the current name of this yard?
- * 2. By what other names is the yard known?
- 3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
- 4. What are the limits of the yard area?
- * 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- * 7. What building ways exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions
- * 8. What drydock facilities exist at this yard?
 - * a. Number
 - * b. Location
 - * c. Type
 - * d. Capacity
 - * e. Dimensions

S-F-C-R-E-T

* 9. What marine railway facilities exist at this yard?

- * a. Number
- * b. Location
- * c. Type
- * d. Capacity
- * e. Dimensions

* 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

a minimum of 2000 employees per shift.

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Subject: SIZMAN

Country: USSR

S-3-C-R-3-F

City: SIZMAN

Current Name: SIZMAN Shipyard

Alternate Names: I.A.

Coordinates: (46 01 57) 51 02 11 N 48 28 18 E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of Dry-docks: A - Floating B - Graving	Number and Size of Marine Trail-ways	General Im-pression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. maxi-mum number Employees	Estimated Maximum Yearly Production	Naval SDT	Merchant GR
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1953-1954
and constructed
other boats.

1,000

I.A.

I.A.

I.A.

Subject: SHIPYARDS
Country: USSR
City : Syran

Current Name: Syran Shipyard

Alternate Name: N.A.

Location: NE of the city of Syran on the right bank of the Volga River.

Remarks: None

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : **Syzran**
Current Name: **Syzran Shipyard**

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

- *1. What is the current name of this yard?
2. By what other names is the yard known?
3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
4. What are the limits of the yard area?
5. What is the general plan and layout of the yard?
6. What are the dimensions and functions of each building?
7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

~~SECRET~~

Subject: S 17 1 6

Country: USSR

S-100-0-0-1
City: Vladivostok

Current Name: Vladivostok Ship Repair Yard Alternate Names: Farpos & tug Repair Shops, "Lesosavod" and "Mechanistskoe"

Coordinates: 43°17'N-131°01'E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Bay	Number and Size of Dry-docks: - floating - fixed	Number and Size of Landing ways	General Impression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported number employees	Est. maximum number employees	Estimated maximum yearly production	Merchant
NA	85,000	NA	NA-3 / Each 3001 long, 201 wide, 15ft deep)	NA	Poor	1948-Repaired other vessels 1951-Repaired other vessels	230	125	230	875

S-100-0-0-1

Subject : SHIPYARDS
Country : USSR
City : Vladimirovka

Current Name : Vladimirovka Ship Repair Yard

Alternate Name: Barge-Tug Repair Shops, "Lesosavod" and "Mechaniskizsch"

Location : 2½ miles south of Vladimirovka, on Volga River.

Remarks : This yard probably consists of two small plants designated "Lesosavod" and "Mechaniskizsch".

SECRET

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Vladimirovka
Current Name: Vladimirovka Ship Repair Yard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

- *1. What is the current name of this yard?
- *2. By what other names is the yard known?
- 3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
- 4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- 7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
- 8. What drydock facilities exist at this yard?
 - *a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

SECRET

Subject: SILVERUS

Country: USSR

S-S-C-R-W-T

City: VOLSK

Current Name: Alekseyev Ship Repair Yard

Alternate Names: N.A.

Coordinates: (of city) 52°03'N-47°21'E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of Dry-docks: A - Floating B - Graving	Number and Size of Marine Rail-ways	General im-pression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. maxi-mum number Employees	Estimated Maximum Yearly Production	Naval Ship Production	Merchant Ship Production
1,300,000 (approximately)	150,000	None	None	1-210' wide floating barge to repair ship-hull and engine compartment-350'	Poor	19/2-repaired river vessels. 1946-49 reconstructed hull and engine repairs on freight barges tug and small steam engine craft.	600	750	1,500	5,250	

Subject : SHIPYARDS
Country : USSR
City : Volak

Current Name : Alekseyev Ship Repair Yard

Alternate Name: N.A.

Location : On the left bank of Volga River in the vicinity of Volak.

Remarks : This installation is able to do all necessary repair work on freight barges, tugs and small steamboats, including repair of ships' machinery, navigation gear and loading equipment. The yard contains a foundry, repair shop, boiler house, administration building, pattern shop and a small garage for the plant's vehicles. It is believed to be accomplishing repair work only.

S-E-C-R-E-T

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Volsk
Current Name: Alekseyev Ship Repair Yard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

- *1. What is the current name of this yard?
2. By what other names is the yard known?
3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
4. What are the limits of the yard area?
- *5. What is the general plan and layout of the yard?
6. What are the dimensions and functions of each building?
- *7. What building ways exist at this yard?
 - *a. Number
 - *b. Location
 - *c. Type
 - *d. Capacity
 - *e. Dimensions
- *8. What drydock facilities exist at this yard?
 - *a. Number
 - *b. Location
 - *c. Type
 - *d. Capacity
 - *e. Dimensions

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

* 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?
See Appendix A

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

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- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

* 16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

~~S-E-C-R-E-T~~

Subject: SHIPYARDS

Country: USSR

S-3-C-R-1-1

City: ZIMMERMAN

Current Name: Heavy Metallist Shipyard
 Coordinates: Im. 18 km 00' N 41° E

Alternate Names: Shipyard #240, Serny Shipyard

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of Dry-docks: A - Floating B - Graving	Number and Size of Marine Railways	General impression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. Max. number Employees	Estimated Maximum Yearly Production	Merchant Ship Production
4,500,000	600,000	1-100' wide extending 250' inland 1-200' wide, extending 100' inland.	A-1 2-100' long	Several connecting railways to building shops.	Good	1946-1948- Constructed naval mine-sweepers (subchasers) 150-400 SW at a rate of 6-8 per year's repaired self-propelled river craft, manufactured ship hull and engines components.	1,000	1,300	7,000	25,000

Subject : SHIPYARDS
Country : USSR
City : Kelenodolsk

Current Name : Krasny Metallist Shipyard im. Maxim Gor'kiy

Alternate Name: Shipyard #360, Saturn Shipyard

Location : On the Saturn River, 2500' north of the Volga River, 6000' northwest of railroad bridge over the Volga River.

Remarks : This naval building yard is under the direct control of the Ministry of the Shipbuilding Industry. Several reports indicate that new construction is launched only ^{once} over a year at high water in May. The second building way, located in the southeast corner of the yard, was constructed after World War II.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Zelenodolsk
Current Name: Krasny Metallist Shipyard Inc. Maxim Gorkiy

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

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*2. By what other names is the yard known?

*3. What is the exact location of this yard?

*a. Coordinates

*b. Azimuth and distance from some prominent landmark.

*4. What are the limits of the yard area?

*5. What is the general plan and layout of the yard?

*6. What are the dimensions and functions of each building?

*7. What building ways exist at this yard?

*a. Number

b. Location

c. Type

d. Capacity

*e. Dimensions

8. What drydock facilities exist at this yard?

a. Number

b. Location

c. Type

d. Capacity

e. Dimensions

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location.
- c. Type
- d. Capacity
- e. Dimensions

*10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history(1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
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Subject: Y. Y. A. C.
 Current Name: Zoloto Ship Repair Yard

Country: USSR
 City: Zoloto
 Alternate Names: N.A.

Coordinates: (or city) 50°30'N-105°30'E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Bay	Number and Size of Dry-docks: 1 - floating 2 - braving	Number and Size of Marine Rail ways	General impression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. maximum number Employees	Estimated maximum yearly Production Naval SW	Estimated maximum yearly Production Merchant
NA	NA	NA	NA	NA	NA	1952 - Planned to repair Volga Tugboat Steamships line vessels.	NA	NA	NA	NA

Subject : SHIPYARDS
Country : USSR
City : Zolotoe

Current Name : Zolotoe Ship Repair Yards

Alternate Name: N.A.

Location : N. A.

Remarks : This yard reportedly belongs to the Volga Freight Steamship Line. It was reported in 1952 that the winter repair work for that year would be increased. It was also planned to dredge the backwaters of the ship during that year.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : **Zolotoe**
Current Name: **Zolotoe Ship Repair Shops**

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk *.

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2. By what other names is the yard known?
3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
4. What are the limits of the yard area?
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6. What are the dimensions and functions of each building?
7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
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- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

METHODOLOGY

The sources of information have been limited to the Industrial Register of CIA and the files of the Shipbuilding Branch of the Industrial Division of ORR.

The total yard area and the total area of buildings have been estimated from aerial photographs and/or sketches or other descriptive information. The graphics in which these estimates have been based are contained herein in the city folder of the area.

For the purposes of this report the total area of buildings includes:

- (a) The horizontal projected roof area of shop buildings believed to be engaged in productive work, the number of floors being disregarded.
- (b) The area of longitudinal building ways, marine railways, and graving docks plus an allowance for working space along each side equal to one half of the width of the way, dock or railway, and a space of 30 feet at the head of the way, dock or railway.
- (c) The area of transverse building ways and the building section of patent slipways.
- (d) The area of welding or assembly platens.
- (e) The area of floating drydocks is not included because of their non-permanent status.

The number, type, and size of building ways, drydocks and marine railways have been estimated from the most recent information available.

If graphics were used as a source of information they are enclosed in the city folder.

The general impression as to the efficiency of the yard and the adequacy of tools, the type of past production, and the reported number of employees have

been obtained from finished intelligence sources if possible. It is to

be noted that the reported number of employees in some instances includes the total number employed on three shifts, and in other instances only the total number employed on the first or main shift.

The estimated maximum number of employees (on the first shift) has been calculated from the total area of buildings by using a factor of 200 square feet per employee. This factor is derived from data on a large number of US shipyards. It has been found to be approximately correct for shipyards in East Germany (see ORR Project 35.242) and for shipyards in Czechoslovakia (see ORR Project 35.245). When more than one shift is employed it is estimated that the estimated maximum number of employees (on the first shift) is approximately 60 per cent of the total number of workers employed by that yard.

The estimated maximum yearly production, merchant or naval, has been obtained from finished intelligence studies where possible. In the great majority of cases such estimates are not available and estimated maximum capabilities are based on the following productive rates of the maximum number of employees, with the yard operating on a one shift basis.

Merchant vessels (all types and sizes) = 7 grt per man-year

Naval vessels (all types and sizes) = 2 sdt per man-year

These productivity factors are obtained from information contained in ORR Project 35.51, ORR Project 35.244, Shipbuilding Branch contributions to Office-Wide Project 0.6, and from discussions with analysts of ONI and AFOIN. Factual data is not available to support these factors and it should be realized that the estimated maximum yearly production based on them can be considered as only rough approximations. The estimated margins of error of these factors are

as follows:

Merchant production - / 35% to - 10%

Naval production - / 32% to - 27%

If launching facilities other than cranes are available at the yard it is assumed that the yard has the capability of ship construction, even if it is or has been engaged in ship repair exclusively. If no launching facilities are available an entry of "Repair Only" has been made instead of an estimate of maximum yearly production.